



Hunters Point Radiological Program Update

Hunters Point Naval Shipyard
BCT Meeting
July 28, 2011



Overview



Radiological Project Work Overview

- Current Project Map
- SS/SD Removal and Building Survey Update
 - Crisp Rd.
 - Parcel C
 - Parcel E 500-Series
 - Parcels B & G
 - Parcel D-1
- IR-7/18 License Exemption















2011 Radiological Projects



LEGEND

NAVY PROPERTY BOUNDARY (OFFSHORE)

PROJECT AREAS

-  IMPACTED BUILDINGS OR SITES CONTROLLED BY TTEC
-  IMPACTED SITES THAT HAVE OBTAINED REGULATORY RELEASE
-  ERRG IR-07/18 CAP
-  EMS BIN STORAGE
-  MACTEC (ERS/JV) PIER REMOVAL
-  SHAW D1
-  SHAW PCB
-  TTEC CRISP ROAD
-  TTEC RSY'S
-  TTEC PARCEL C
-  TTEC PARCEL E 500 SERIES
-  RSY PADS





Crisp Rd/Parcel E SS/SD Removals & Building Surveys



- Crisp Rd removal action complete and accepted by the Navy
- Bldg. 406 – Free Released
- Bldg. 810 – CDPH performed Confirmation Survey on April 14
- Bldg. 414 – CDPH performed Confirmation Survey on June 8
- Site 701 – Final FSS submitted July 19
- Site 704 – Draft FSS submitted May 25
- Bldg. 707 Triangle – Will complete remediation and survey as part of 500 series work. Phasing field work with PCB hotspot.
- IR-04 Scrap Yard – Drafting FSS



Parcel C Storm Drain & Sewer Removals



- SS/SD line removal commenced in Parcel C on January 4th
 - Excavated soil and pipe removal through July 22, 2011:
 - 13,080 linear feet of SS/SD lines removed
 - 10 Survey Units have received backfill approval, 2 of these are complete and the remainder are in process
 - 4 Survey Units currently being surveyed and sampled
 - 7 Survey Units awaiting offsite data prior to requesting approval to backfill



Parcel C Building Surveys



- Building Final Status Surveys (FSSs)
 - Completed removal of sewer lines in Buildings 203 and 271
 - Completed Survey of Building 203, 241, and 272 and data is under internal review
 - Draft Buildings 214 and 271 FSS under RASO review
 - North Pier radiological survey activities anticipated to commence mid August following Pier Demo contractor de-mobilization



Parcel C & Interior E Buildings/Sites Status

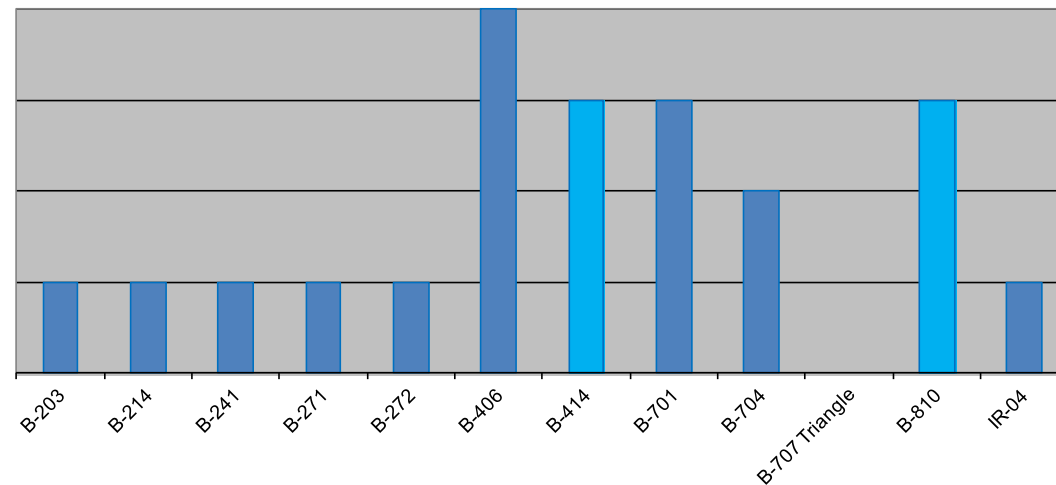


Free-Released

Final

Draft

**Internal Draft
(Data under review)**



Waiting for concurrence for
Free-Release determination





Parcel E 500 Series Storm Drain & Sewer Removals



- SS/SD line removal commenced in Parcel E 500 Series on July 12nd
 - Excavated soil and pipe removal through July 22, 2011:
 - 2,404 linear feet of SS/SD lines removed
- Received 50,000 tons of import material for use as backfill



Parcel E 500 Series Building / Site Surveys



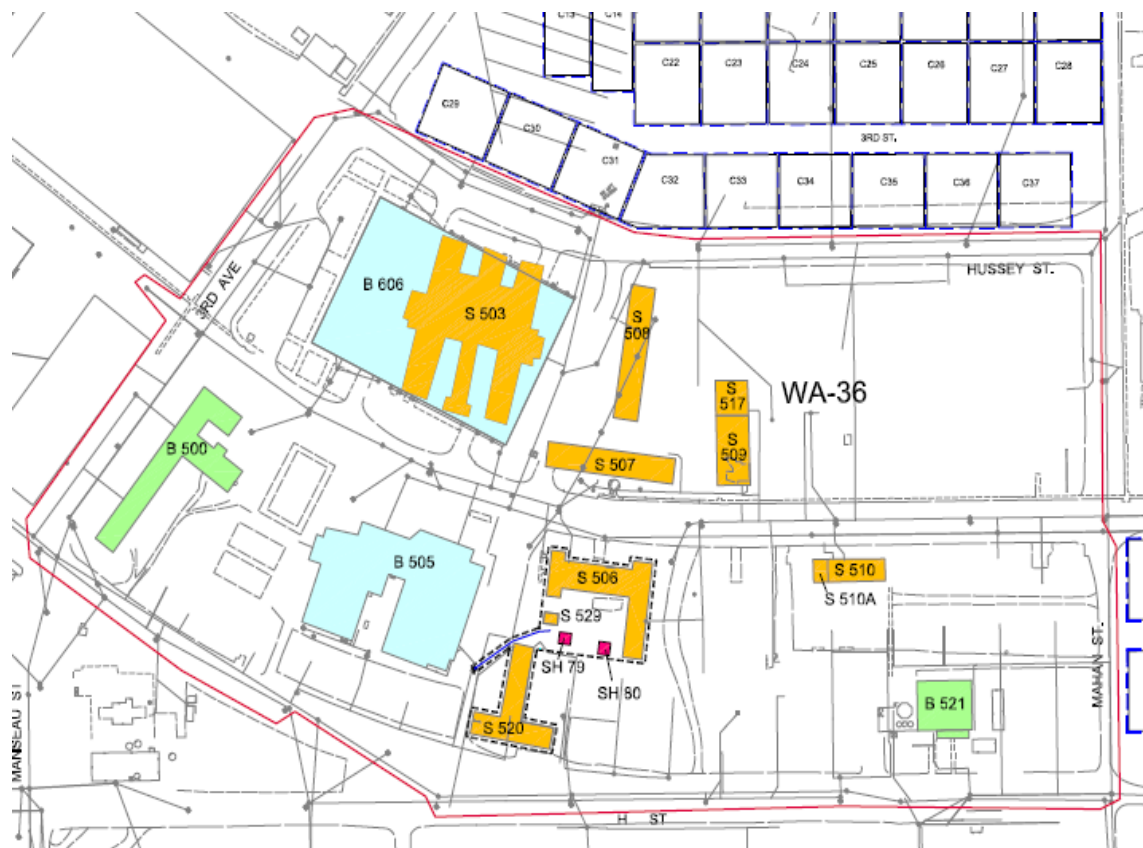
- RASO approved TSPs: Building Sites 503, 507, 508, 509, and 517
- Draft TSP for Former Building 506 Site under RASO review
- Drafting TSPs for Former Building Sites 520 and 529, and Building 521
- Field Work
 - Site preparation activities continue
 - Continue radiological survey of the Building 503 site soil
 - Completed surveying of Former Building 509 and 517 concrete foundations; data under review with RASO
 - Continued performing material and equipment surveys in Building 521



Impacted Building and Sites Within Parcel E 500 Series Area



- LEGEND**
- WORK AREA BOUNDARY (WA-36)
 - RADIOACTIVE MATERIAL AREA
 - STORM DRAIN LINE
 - NON-IMPACTED BUILDINGS
 - IMPACTED BUILDINGS
 - IMPACTED BUILDING SITES
 - IMPACTED SHACK SITES
 - RSY 2, 3 AND 4 SCREENING PADS





Status of Parcels B & G



- All Parcel B Building Surveys Complete
 - Awaiting review and concurrence on B-140 (Tech Memo and FSS)
 - Draft SUPR for SU-186 submitted July 26; the last Parcel B SUPR
 - Draft Parcel B RACR to be submitted after regulatory review of SU-186 SUPR
- Preparing response to regulatory comments on Draft Parcel G RACR



Building 140



Two reports for Building 140

- Building 140 Discharge Channel (FSS)
 - CDPH performed confirmation survey on April 13
 - Awaiting free-release letter
- Final Building 140 Tech Memo
 - Submitted July 20; requesting release for unrestricted use of all components
 - No confirmation survey assumed
 - Navy anticipates separate free-release letter for Tech Memo



D-1 Update



- Many field work activities on Gun Mole Pier and South Pier on-hold pending revision of Task Specific Plans and additional surveys
 - Will require removal of concrete and revision of survey unit layout
- SUPR and FSS reports
 - SS/SD removal is complete
 - Begin submitting Draft SUPR reports in early August
 - Reports delayed due to internal review comments and confirmation of scan data in trenches
 - Building 274 Draft FSS due out in August



IR-7/18 Modeling Update



- A meeting was held on June 8, 2011 in Sacramento with DTSC/CDPH/Navy
 - Comments received on dose model
 - Recommendations made for remainder of site characterization
- Currently drafting a revised draft license exemption package based on comments
 - Revised dose and risk modeling
 - Summary of construction activities, HRA references, and existing data to demonstrate that contamination potential is “unlikely”
- Revision anticipated complete in late August
 - Navy would like follow-up meeting with CDPH in September



Comments, Questions, Concerns ???